

Fact Sheet, January 2008

Proposed Cleanup Plan for Barry Avenue Plating Company, Inc.



DEPARTMENT OF
TOXIC SUBSTANCES
CONTROL

*The mission of the
Department of Toxic
Substances Control is
to provide the
highest level of safety,
and to protect public
health and the
environment from
toxic harm.*



The purpose of this fact sheet is to provide you an opportunity to review and comment on a proposed cleanup plan. This plan known as a draft Removal Action Workplan (RAW) will describe the removal and clean up of chemicals in the soil and groundwater at the Barry Avenue Plating Company, Inc. site, located at 2210 Barry Avenue in the city of Los Angeles. The one-acre site consists of several adjoining commercial buildings that are located in a residential, commercial and light-industrial area on the southeast corner of Olympic Boulevard and Barry Avenue.

PUBLIC COMMENT PERIOD and OPEN HOUSE

January 7, 2008 to February 6, 2008

A 30-day comment period will be held to provide the public with the opportunity to review and provide comments on the draft RAW. We will review and consider all comments received during this time before a final decision is made.

OPEN HOUSE

The Open House will be held on January 22, 2008 at the Felicia Mahood Senior Multipurpose Center to provide members of the public with the opportunity to learn more about the proposed cleanup efforts, as well as to ask questions and provide comments.

Tuesday, January 22, 2008

Open House—6:00 p.m.

At the Felicia Mahood Senior Multipurpose Center

Room 2

Located at 11338 Santa Monica Blvd. in Los Angeles

For information on accessibility and to request reasonable accommodations, please contact Leticia Hernandez toll-free at (866) 495-5651 or (714) 484-5488 at least one week prior to the open house.



State of California



Cal/EPA



Not a risk to the public

There is **no** immediate health risk to the public because the contamination is below the ground surface and the site is fenced to restrict access from unauthorized personnel. The contaminated soil is covered with asphalt, concrete, or buildings, which act as a barrier preventing direct exposure to people who live or work in the area.

Operations and history of the site

From 1947 through the present, portions of the site have been used for metal plating and plating-related processes. Due to the past operations at the site, the soil and groundwater became contaminated with hexavalent chromium (chrome 6), trichloroethylene (TCE), other volatile organic compounds (VOCs), and metals.

Today, operations have been modified or stopped to minimize future contamination. Aboveground piping in open concrete-lined floor trenches has been installed to transfer and recycle water and wastewater. Double-walled tanks and liners are used to prevent liquid spills.

Proposed Cleanup Plan

The proposed cleanup plan has 4 steps:

Step 1 – Soil Vapor

Installation of a soil vapor extraction (SVE) system at the site to remove VOCs from soil vapor. Soil vapors are gases that form in the soil when chemicals evaporate. Soil vapor tests are performed to verify that the contaminant levels have been reduced. The SVE system is made up of wells connected to granular activated carbon (gac) filters and will remove the soil vapor from the soil. If the tests show acceptable results, and subject to DTSC's approval, the SVE system will stop operations and the cleanup will move to step 2.

Step 2 – Shallow Soils

For the cleanup of the shallow soils, Calcium Polysulfide (CPS) will be injected into the shallow soil zone. CPS will be mixed with water and placed into the shallow soil zone at specific points of injection. Within operating areas, flexible piping will be placed inside a larger pipe to minimize impacts to facility operations. Once the soil zone injections are complete, the injection point will be sealed with bentonite-cement and a concrete plug will be placed on the soil surface.

Approximately one week after soil injections, six shallow (0 to 25 feet below ground surface) and three deep (30 to 55 feet below ground surface) soil samples will be collected to determine the effectiveness of the CPS injections. Once the soil sample results show a significant and acceptable reduction in chrome 6, a request for soil closure will be submitted to DTSC groundwater at the site.

Step 3 - Groundwater

CPS will be injected into ten new injection wells and two existing monitoring wells. Anticipated is a total of 15,600 gallons of CPS to be injected into the groundwater at the site with the use of a gasoline-powered pump. Following the initial CPS injection, the concentration of contaminants should begin to decline. If significant concentrations of chrome 6 are detected in the groundwater three months after the CPS injection, then additional CPS injections will be made. If significant concentrations of TCE are detected in the groundwater one year after the CPS injection, a carbon-based substance such as molasses or vegetable oil will be injected to promote the breakdown of TCE by living organisms.

Step 4 – Monitoring the Results

Groundwater monitoring will take place for up to two years at the site. Once it is determined that contaminant concentrations have been reduced to a level that meets the RAW objectives in a reasonable timeframe, and in accordance with U.S. Environmental Protection Agency (EPA) guidelines, site closure for this portion of the site will be obtained with DTSC approval. A detailed description of all of these activities can be found in the draft RAW.

Protecting Against Dust & Odors

To protect the surrounding community and onsite workers during the removal activities, the following safety measures will be put into action:

- Safety and health risk monitoring will occur during drilling, well installation, sampling, installation and operation of the SVE system and remedial activities
- Dust control measures will be used to minimize impacts to neighbors and on-site workers
- Plastic sheeting and ventilation will be used for

interior work to control dust, carbon monoxide or other vapors

- On-site monitoring of CPS injection conditions to ensure the correct reduction of chrome 6 to chrome 3
- On-site monitoring of odors, if the odors are found at high levels, the SVE system will be used to remove these odors.

California Environmental Quality Act (CEQA) Review

Under CEQA, DTSC is responsible for assessing the potential health and environmental risks associated with this remediation effort. A Notice of Exemption will be prepared by DTSC in accordance with guidelines under CEQA. This analysis is required prior to implementation or approval of the project. The public review period for the Notice of Exemption will be held along with the draft RAW public review period and open house.

Following the public comment period and response to comments on the Notice of Exemption, a Notice of Determination (NOD) will be prepared by DTSC to document the findings of the Study.

Where to Find Site-Related Documents

Copies of the draft RAW and other background information can be reviewed at the following locations:

Department of Toxic Substances Control

1011 North Grandview Avenue
Glendale, CA 91201
Hours: 8:00 am - 5:00 pm (Monday through Friday)
**Please contact Jone Barrio at (818) 551-2886 to make an appointment.*

West Los Angeles Regional Branch Library

11360 Santa Monica Blvd.
Los Angeles, CA 90025
Hours: 10:00 am - 8:00 pm (Monday through Thursday)
10:00 am - 6:00 pm (Friday & Saturday)
1:00 pm - 5:00 pm (Sunday)
Phone: (310) 575-8323

How to Submit Comments

We encourage you to provide comments and questions on the proposed remediation activities for this site. All public comments must be postmarked or e-mailed by February 6, 2008 and sent to:

Tedd Yargeau
Project Manager
Department of Toxic Substances Control
1011 North Grandview Avenue
Glendale, CA 91201
E-mail: tyargeau@dtsc.ca.gov

For More Information

If you have any questions regarding this site, please contact the following DTSC staff members:

Tedd Yargeau
Project Manager
Phone: (818) 551-2864
E-mail: tyargeau@dtsc.ca.gov

Leticia Hernandez
Public Participation Specialist
Phone: (714) 484-5488 or toll-free number at (866) 495-5651
E-mail: lhernand@dtsc.ca.gov

Si desea información en español, comuníquese con Leticia Hernandez al (714) 484-5488 o número gratis (866) 495-5651, oprima el número 4.

For Media Inquiries

Jeanne Garcia
DTSC Public Information Officer
(818) 551-2176
jgarcia1@dtsc.ca.gov

Notice to Hearing Impaired Individuals

You can obtain information on this project by contacting the California Relay Service at (888) 877-5378 (TDD). Ask to speak to Leticia Hernandez, DTSC Public Participation Specialist at (714) 484-5488 or toll-free at (866) 495-5651.

*For more information about DTSC,
please visit our website at
www.dtsc.ca.gov.*